

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (CURRENTLY AMENDED) Seed of a soybean variety designated 924001, representative seed having been deposited under ATCC Accession No. _____
PTA- 6216.
2. (PREVIOUSLY PRESENTED) A soybean plant, or a part thereof, produced by growing the seed of claim 1.
3. (ORIGINAL) Pollen of the plant of claim 2.
4. (ORIGINAL) An ovule of the plant of claim 2.
5. (PREVIOUSLY PRESENTED) A soybean plant, or a part thereof, having all of the physiological and morphological characteristics of the soybean plant of claim 2.
6. (PREVIOUSLY PRESENTED) A tissue culture of regenerable cells or regenerable protoplasts from the plant of claim 2.
7. (CURRENTLY AMENDED) A tissue culture according to claim 6, wherein a cell or protoplast of the tissue culture is derived from a tissue or cell selected from the group ~~consisting of~~: consisting of leaves, pollen, embryos, cotyledon, hypocotyl, meristematic cells, roots, root tips, anthers, flowers, seeds, stems and pods.
8. (CURRENTLY AMENDED) A soybean plant regenerated from the tissue culture of claim 6, wherein the regenerated plant has all of the morphological and physiological characteristics of soybean cultivar 924001, representative seed of said soybean cultivar 924001 having been deposited under ATCC Accession No. _____
PTA- 6216.
9. (ORIGINAL) A soybean plant with all of the physiological and morphological characteristics of soybean variety 924001, wherein said soybean plant is produced by a tissue culture process using the soybean plant of claim 5 as the starting material for such a process.

10. (ORIGINAL) A method for producing a hybrid soybean seed comprising crossing a first parent soybean plant with a second parent soybean plant and harvesting the resultant hybrid soybean seed, wherein said first parent soybean plant or said second parent soybean plant is the soybean plant of claim 2.

11 - 21. (CANCELED)

22. (PREVIOUSLY PRESENTED) A method of producing an herbicide resistant soybean plant comprising transforming the soybean plant of claim 2 with a transgene that confers herbicide resistance.

23. (PREVIOUSLY PRESENTED) An herbicide resistant soybean plant produced by the method of claim 22.

24. (PREVIOUSLY PRESENTED) A method of producing an insect resistant soybean plant comprising transforming the soybean plant of claim 2 with a transgene that confers insect resistance.

25. (PREVIOUSLY PRESENTED) An insect resistant soybean plant produced by the method of claim 24.

26. (PREVIOUSLY PRESENTED) A method of producing a disease resistant soybean plant comprising transforming the soybean plant of claim 2 with a transgene that confers disease resistance.

27. (PREVIOUSLY PRESENTED) A disease resistant soybean plant produced by the method of claim 26.

28. (PREVIOUSLY PRESENTED) A method of producing a soybean plant with modified fatty acid or carbohydrate metabolism comprising transforming the soybean plant of claim 2 with a transgene encoding a protein selected from the group consisting of fructosyltransferase, levansucrase, alphaamylase, invertase and starch branching enzyme; or with an antisense of a stearyl-ACP desaturase gene.

29. (PREVIOUSLY PRESENTED) A soybean plant produced by the method of claim 28.

30-31. (CANCELED)